

Anti-Galectin 13/PLAC8 + Galectin-16 antibody [EPR23383-89] ab272716

リコンビナント **RabMAb**

画像数 5

製品の概要

| | |
|--------------|---|
| 製品名 | Anti-Galectin 13/PLAC8 + Galectin-16 antibody [EPR23383-89] |
| 製品の詳細 | Rabbit monoclonal [EPR23383-89] to Galectin 13/PLAC8 + Galectin-16 |
| 由来種 | Rabbit |
| アプリケーション | 適用あり: WB, IHC-P, IP |
| 種交差性 | 交差種: Human |
| 免疫原 | Recombinant fragment. This information is proprietary to Abcam and/or its suppliers. |
| ポジティブ・コントロール | WB: Human placenta tissue lysate; His-tagged human Galectin 13/PLAC8 recombinant protein; His-lif tagged human Galectin 16 recombinant protein (aa 1-141). IHC-P: Human placenta tissue. IP: Human placenta tissue lysate. |
| 特記事項 | <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> |

製品の特性

| | |
|-------|---|
| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| バッファー | <p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p> |
| 精製度 | Protein A purified |
| ポリ/モノ | モノクローナル |

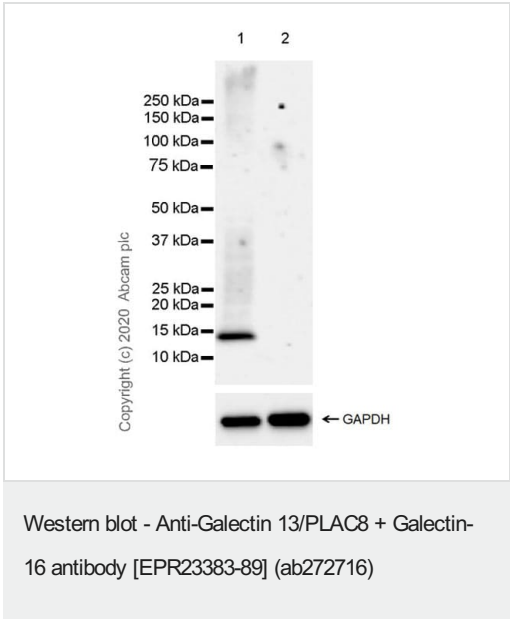
クローン名EPR23383-89
アイソタイプIgG

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab272716の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|--|
| WB | | 1/1000. Detects a band of approximately 15 kDa (predicted molecular weight: 16 kDa). |
| IHC-P | | 1/2000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. |
| IP | | 1/30. |

画像



All lanes : Anti-Galectin 13/PLAC8 + Galectin-16 antibody
[EPR23383-89] (ab272716) at 1/1000 dilution

Lane 1 : Human placenta tissue lysate
Lane 2 : Human skeletal muscle tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary
All lanes : VeriBlot for IP secondary antibody(HRP)(**ab131366**) at 1/1000 dilution

Predicted band size: 16 kDa
Observed band size: 15 kDa

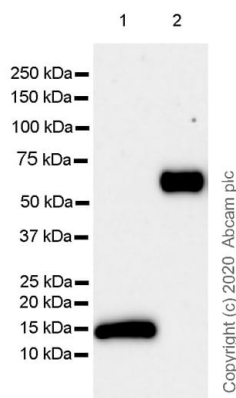
Blocking and diluting buffer and concentration: 5% NFDM/TBST.

The expression profile observed is consistent with what has been described in the literature (PMID: 10527825, 19497882).

Negative control: Human skeletal muscle (PMID: 10527825).

This blot was developed using a higher sensitivity ECL substrate.

Exposure time: 3 minutes.



Western blot - Anti-Galectin 13/PLAC8 + Galectin-16 antibody [EPR23383-89] (ab272716)

All lanes : Anti-Galectin 13/PLAC8 + Galectin-16 antibody

[EPR23383-89] (ab272716) at 1/1000 dilution

Lane 1 : His-tagged human Galectin 13/PLAC8 recombinant protein (aa 1-139, **ab124309**), 20 ng

Lane 2 : His-lif tagged human Galectin 16 recombinant protein (aa 1-141) 5 μ L

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

Predicted band size: 16 kDa

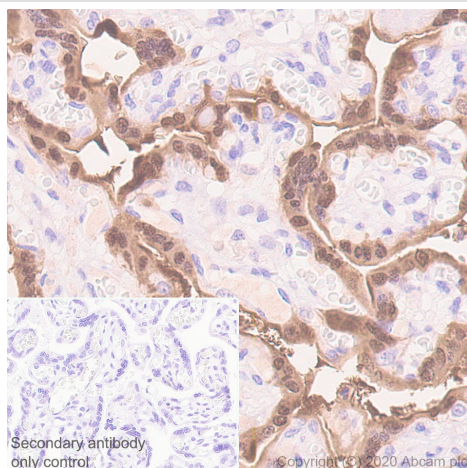
Observed band size: 15,55 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

This product has cross reaction with Galectin 16.

Sample loaded onto lane 2 was extract of HEK293 expressing Galectin 16, which contains a lif tag (40 kDa).

Exposure time: 70 seconds.

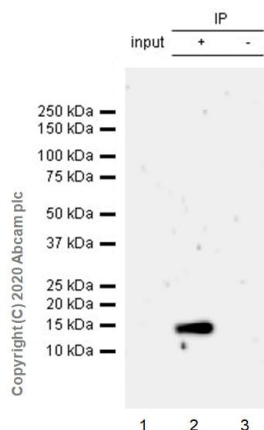


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Galectin 13/PLAC8 + Galectin-16 antibody [EPR23383-89] (ab272716)

Immunohistochemical analysis of paraffin-embedded human placenta tissue labeling Galectin 13+Galectin 16 with ab272716 at 1/2000 dilution followed by ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining on human placenta (PMID: 25191322). The section was incubated with ab272716 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND[®] RX instrument. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.



Immunoprecipitation - Anti-Galectin 13/PLAC8 +
Galectin-16 antibody [EPR23383-89] (ab272716)

Galectin 13+Galectin 16 was immunoprecipitated from 0.35 mg human placenta tissue lysate with ab272716 at 1/30 dilution (2µg in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab272716 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP)([ab131366](#)) was used at 1/1000 dilution.

Lane 1: Human placenta tissue lysate 10µg

Lane 2: ab272716 IP in human placenta tissue lysate

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of ab272716 in human placenta tissue lysate

Blocking and dilution buffer and concentration: 5% NFDm/TBST.

Exposure time: 3 minutes.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Galectin 13/PLAC8 + Galectin-16 antibody
[EPR23383-89] (ab272716)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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